

中国木犀属小志

陆 瑞 琳

(上海自然博物馆, 上海)

关键词 木犀属; 细脉木犀; 新等级

细脉木犀 新种

Osmanthus gracilinervis Chia, sp. nov. in herb. — *Osmanthus* sp. "D" P. S. Green in Not. Roy. Bot. Gard. Edinb. 22(5): 525. 1958.

Affinis *O. attenuato* P. S. Green et *O. cooperi* Hemsl., ab illo ramulis petiolis foliorum costis bracteisque glabris differt; ab hoc foliis anguste ellipticis utrinque dense punctatis bullatis, bracteis glabris, corollae lobis tubum haud superantibus recedit.

Frutex vel arbor sempervirens, 2—5 m alta; ramuli luteo-albi; rami cinereo-fusci, glabri, paucae lenticellati, cortice in frustra dehiscente. Folia coriacea, elliptica, anguste elliptica vel ovata, 5—9 cm longa, 2—3.5 cm lata, apice longe acuminata vel caudata, caudis c. 1 cm. longis, basi late cupeata vel obtusa, margine integra, utrinque glabra et punctata, costa supra impressa subtus elevata, nervis lateralibus utrinsecus 5—8 supra obscuris subtus leviter conspicuis; petioli c. 1 cm longi, glabri. Inflorescentiae axillares, fasciculatae; gemma solitaria, floribus in quoque gemma c. 5, bracteis 1 mm longis glabris apice longe cuspidatis, pedicillis 3—4 mm longis glabris. Calyx c. 1 mm longus, lobis conspicuis vel inconspicuis triangularibus denticulatis. Corolla alba, 4 mm longa, tubo c. 2 mm longo, lobis c. 2 mm longis rotundatis interdum tubum paulo superantibus. Stamina 2, tubi medio inserta, filamentis 0.5 mm longis, antheris 1.5 mm longis, connectivis apice in apiculum manifestum extensis. Fructus atrovirens, 1.5 cm longus.

Guangxi: Pingnan in sylvis mixtis, 29 Oct. 1936, Z. Wang 40347 (Typus, SCBI), 40401; Longsheng, Exped. Guangfu. 1087, 1089, Guangdong: Ruyuan, S. P. Ko 58895, 53687, 53591, 54670, 54200, Li Yiu 2094; S. H. Chen 3034. Jiangxi: Nanfeng, C. S. Yang 650402, Nie Nin Xiang 5611. Zhejiang: Tiantai Shan, Y. Y. Ho 28231. Hunan: Yizhang, L. H. Lau 10312, 10222. Sichuan: Emei Shan, W. P. Fang 18553.

本种与狭叶木犀 *O. attenuatus* 和宁波木犀 *O. cooperi* 相似, 与前者不同在于小枝、叶柄、中肋、苞片上均无毛; 与后者不同在于叶为狭椭圆形, 两面腺点呈小水泡状突起, 苞片无毛, 花冠裂片绝不长于花冠筒。

广西: 平南县, 鵬化, 横耳埭混交林中, 1936年10月29日, 黄志 NO. 40347 (模式, SCBI), 40401; 龙胜, 广福林区调查队 NO. 1087, 1089. 广东: 乳源, 高锡朋 No. 58895, 53687, 53591, 54670, 54200, 李耀 No. 2094, 陈少卿 No. 3034. 江西: 南丰, 杨祥学 No. 650402, 聂敏祥 No. 5611. 浙江: 天台山, 贺贤育 No. 28231. 湖南: 宜章, 刘林翰 No. 10312, 10222. 四川: 峨眉, 方文培 No. 18553.

月桂 (中国高等植物图鉴)

Osmanthus marginatus (Champ. ex Benth.) Hemsl. in Journ. Linn. Soc. Bot. 26:88. 1889; Nakai in Bot. Mag. Tokyo 44:16. 1930; P. S. Green in Not. Roy. Bot. Gard. Edinb. 22(5):470. 1958; Li, Fl. Taiwan 4:148. 1972. — *Olea marginata* Champ. ex Benth. in Hook. Kew Journ. Bot. 4:330. 1852. — *Osmanthus bracteatus* Matsumura in Bot. Mag. Tokyo 12:14. 1898; Nakai, op. cit. 44:14. 1930. — *O. matsudai* Hayata, Ic. Pl. Formos. 9:75, fig. 30. 1920; Nakai in Bot. Mag. Tokyo 44:16. 1930; Kanehira, Formos. Trees, ed 2, 622. 1936; Mori in Journ. Jap. Bot. 15:557. 1939. — *Gonocaryum sinense* Hand.-Mazz. in Sinenia 3:189. 1933. — *Osmanthus sinensis* (Hand.-Mazz.) Hand.-Mazz. Symb. Sin. 7:1006. 1936. — *O. corymbosus* H. W. Li in Acta Bot. Yunnan. 5:180. 1982, syn. nov. — *O. longispermus* H. T. Chang et *O. angustifolius* H. T. Chang in Acta Sci. Nat. Univ. Sunyats. 2:4. 1982, syn. nov. — *O. triandrus* H. T. Chang et *O. longicarpus* H. T. Chang in l. c. 2:7. 1982, syn. nov. — *O. omeiensis* Fang ex H. T. Chang in l. c. 2:6. 1982, syn. nov. — *O. nanchuanensis* H. T. Chang in l. c. 2:10. 1982, syn. nov. — *O. cylindricus* H. T. Chang in l. c. 2:9. 1982, syn. nov.

var. ***marginatus***

经研究月桂 *O. marginatus* 模式产地及产于其他各地区的大量标本表明, 本种叶片的形状、质地、大小、花序结构的疏密以及果实大小等变异较大, 且不间断。李锡文根据武全安 No. 7506 发表了平顶桂花 *O. corymbosus*, 说其特征为伞房花序, 雄蕊通常 3, 稀为 4 而与牛矢果 *O. matsumuranus* 不同。笔者解剖了 *O. corymbosus* 的模式标本及蔡希陶 No. 55978 等标本上的花各 5 朵, 均仅一朵具 3 个雄蕊, 凡具三个雄蕊的, 花萼裂片为 4—5 个, 因其中一个萼裂片又再分裂为 2。因此 *O. corymbosus* 雄蕊数基本为 2, 偶为 3, 这性状是不稳定的, 也可能是种的返祖现象。 *O. corymbosus* 的模式标本, 其叶形、花序等与牛矢果是不同, 然而它的基本特征与月桂相同, 因此归入本种。

笔者还研究了狭叶木犀 *O. angustifolius* H. T. Chang 的模式标本刘心祈 3754, 除叶较狭外, 其他特征均同月桂; 峨眉木犀 *O. omeiensis* Fang 的模式标本杨光辉 No. 54633, 川大生物系调查队 57542 和熊济华 31153 等号标本, 虽然叶较大, 长 10—14 cm、宽 3—4 cm, 但仍在月桂叶的变异范围内, 花序长 1 cm 也类似月桂; 筒果木犀 *O. cylindricus* H. T. Chang 果长 3—3.5 cm, 而月桂的果实长也可达 3.5 cm; 此外, 南川木犀 *O. nanchuanensis* H. T. Chang 的叶质地虽较薄, 长果木犀 *O. longicarpus* H. T. Chang 的果虽较大, 但均在月桂的叶、果的变异范围以内, 均并入月桂, 作同一种处理。

月桂长叶变种 新等级

Osmanthus marginatus (Champ. ex Benth.) Hemsl. var. ***longissimus*** (H. T. Chang) R. L. Lu, stat. nov. — *O. longissimus* H. T. Chang in Acta Sci. Nat. Univ. Sunyats. 2:15. 1982.

经研究了张宏达发表的长叶木犀 *O. longissimus* H. T. Chang 的模式标本, 科学院植物研究所江西队 436 (采自江西、武功山), 除其叶特别狭长, 长 12—21 cm, 阔 2.5—4 cm, 基部狭长楔形, 果序柄较瘦细等与月桂不同外, 其他特征与月桂基本一致, 故作变种

处理。

月桂厚叶变种 新等级

Osmanthus marginatus (Champ. ex Benth.) Hemsl. var. *pachyphyllus* (H. T. Chang) R. L. Lu, stat. nov. — *O. pachyphyllus* H. T. Chang in Acta Sci. Nat. Univ. Sunyats. 2:8. 1982.

经研究张宏达发表的厚叶木犀 *O. pachyphyllus* 的模式标本, 植物所 312650 (采自福建), 王名金 3198, (采自福建、武功山), 除其叶为极厚的革质, 边缘反卷, 阔椭圆形外, 其他特征与月桂基本一致, 故作变种处理。

牛矢果(中国高等植物图鉴)

Osmanthus matsumuranus Hayata in Journ. Coll. Sci. Tokyo 30:192. 1911; Kanehira, Formos. Trees ed. 1, 368. 1917 et ed. 2. 622. 1936; Merr. & Metcalf in Lignan Sci. Journ. 16:397. 1937; Mori in Journ. Jap. Bot. 19:558. 1939; Merr. in Journ. Arn. Arb. 21:364. 1940; P.S. Green in Not. Roy. Bot. Gard. Edinb. 22(5): 466. 1958; Iconogr. Corm. Sin. 3:353. fig. 4659. 1972; Fl. Hainan. 3:211. f. 665. 1974; Li. Fl. Taiwan 4:150. 1978. — *O. marginatus* var. *formosanus* Matsumura in Bot. Mag. Tokyo 12:29. 1898. — *O. obovatifolius* Kanehira, Formos. Trees ed. 1. 368. 1917; Mori in Journ. Jap. Bot. 15:560. 1939. — *O. wilsonii* Nakai in Bot. Mag. Tokyo 44:13. 1930; Mori in Journ. Jap. Bot. 15:560. 1939. — *O. pedunculatus* Gagnep. in Lecomte, Fl. Gén. Indo-Chine 3:1063. 1933; Wr. in Bull. Soc. Bot. France 80:78. 1933. — *Olea longipetiolata* Merr. ex Tanaka & Odashima in Journ. Soc. Trop. Agric. 10:378. 1938. nom. nud.; Chia in Acta Phytotax. Sin. 3: 348. 1955. — *Osmanthus maximus* H. T. Chang in Acta Sci. Nat. Univ. Sunyats. 2:9. 1982, syn. nov.

经研究张宏达发表的大果木犀 *O. maximus* H. T. Chang 的模式标本冯国楣 13110 (采自云南省蒙自), 除果和叶较大外, 其余特征均与本种一致, 故将其归并。

NOTES ON THE GENUS *OSMANTHUS* LOUR. IN CHINA

LU RUI-LIN

(Museum Historiae Naturae Shanghaiense, Shanghai)

Abstract In the present paper a new species, *Osmanthus gracilinervis* Chia ex R. L. Lu, is described from Guangxi. The new species is also distributed in Guangdong, Jiangxi, Zhejiang, Hunan and Sichuan. Based on the analysis of a great deal of specimens, eight species, i.e. *Osmanthus corymbosus* H. W. Li, *O. longispermus* H. T. Chang, *O. angustifolius* H. T. Chang, *O. triandrus* H. T. Chang, *O. longicarpus* H. T. Chang, *O. omeiensis* Fang ex H. T. Chang, *O. nanchuanensis* H. T. Chang and *O. cylindricus* H. T. Chang, are reduced as the synonyms of *O. marginatus* (Champ. ex Benth.) Hemsl. var. *marginatus*. *O. longissimus* H. T. Chang and *O. pachyphyllus* H. T. Chang are respectively reduced to varieties of *O. marginatus*, i.e. *O. marginatus* var. *longissimus* (H.T. Chang) R. L. Lu and var. *pachyphyllus* (H. T. Chang) R. L. Lu. And finally *O. maximus* H. T. Chang is treated in this paper as a synonym of *O. matsumuranus* Hayata.

Key words *Osmanthus*; *O. gracilinervis*; New status; Taxonomy